

FIG. 1

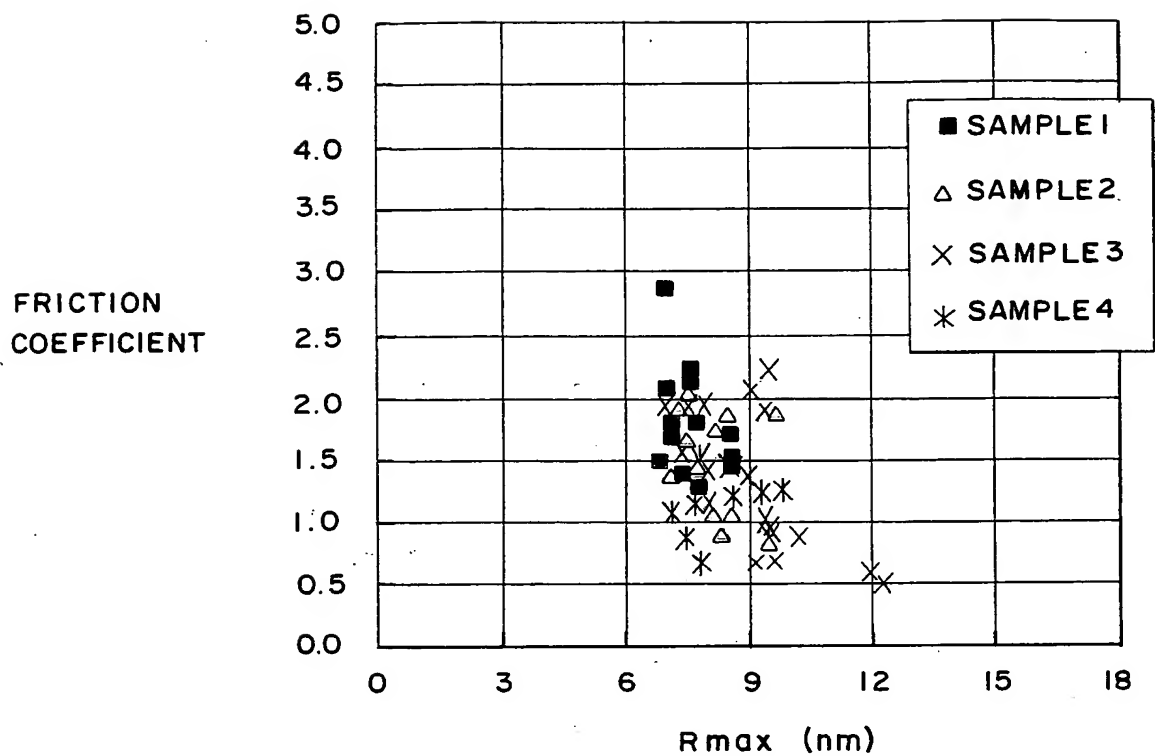


FIG. 2

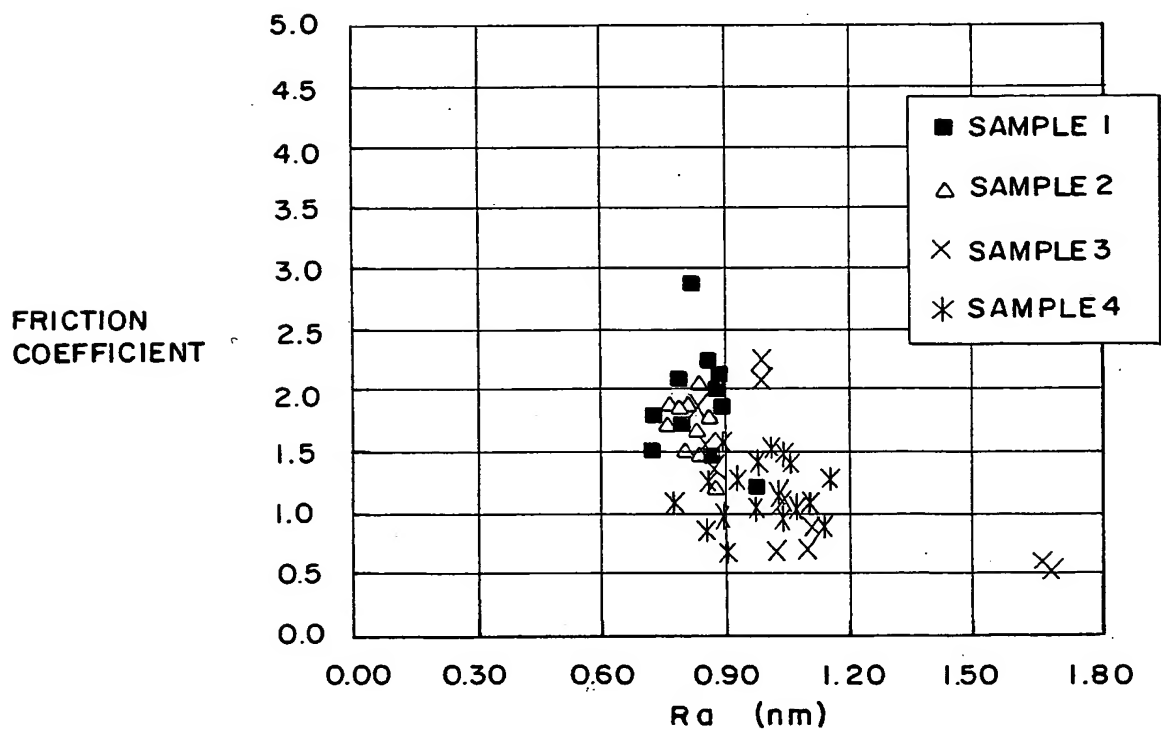


FIG. 3

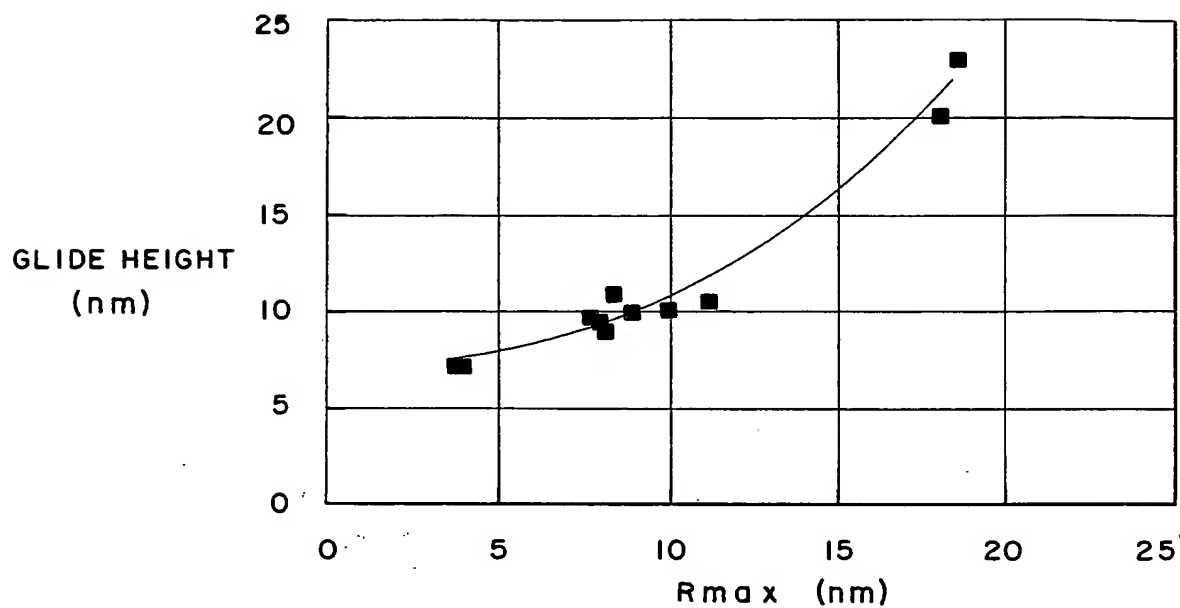


FIG. 4

SAMPLE	Rmax	Ra	OBA% @3nm
SAMPLE 1	7.55	0.88	43
SAMPLE 2	7.12	0.72	73
SAMPLE 3	7.83	0.90	60
SAMPLE 4	8.18	0.88	26

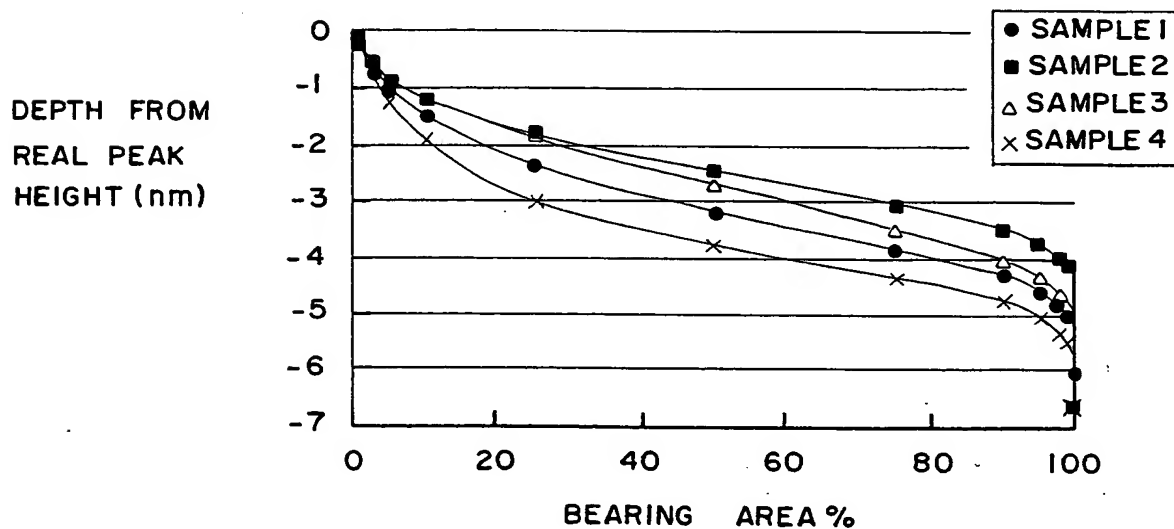


FIG.5

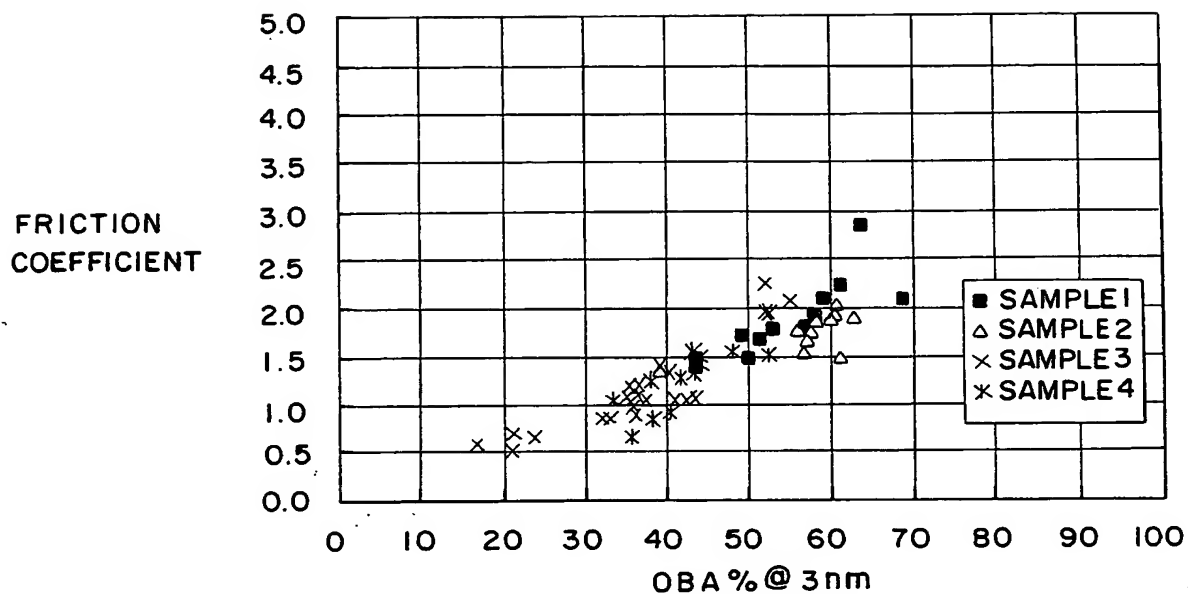


FIG.6

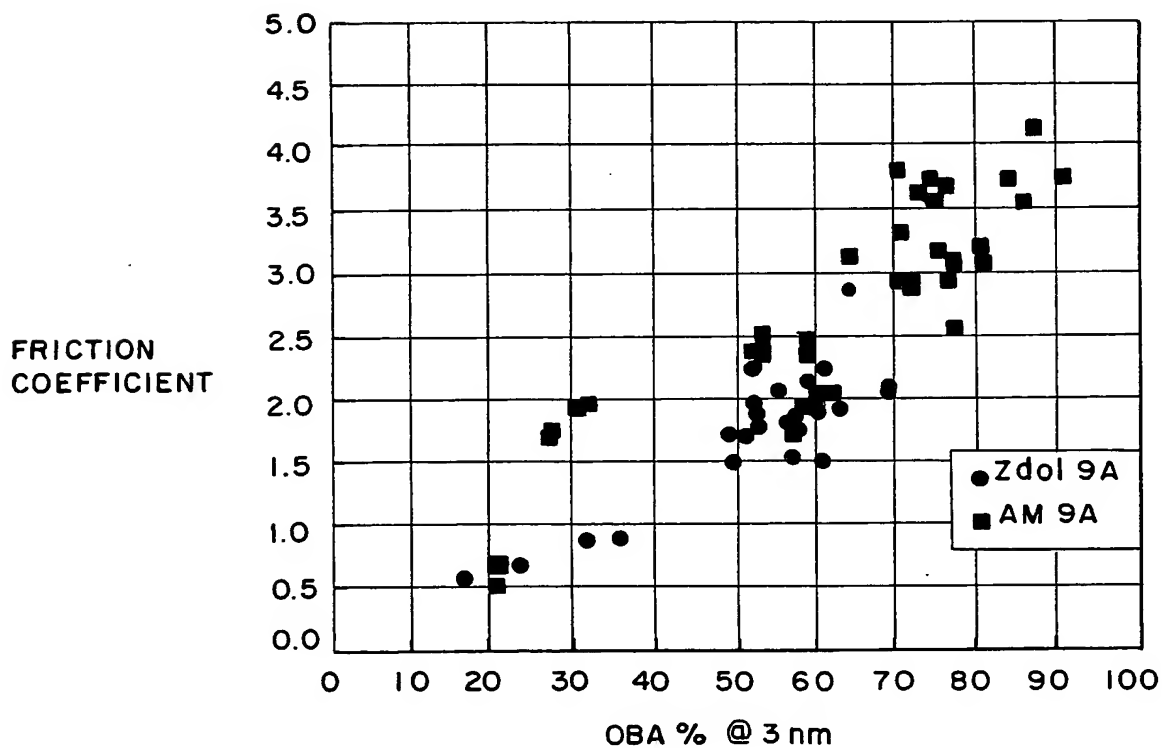


FIG. 7

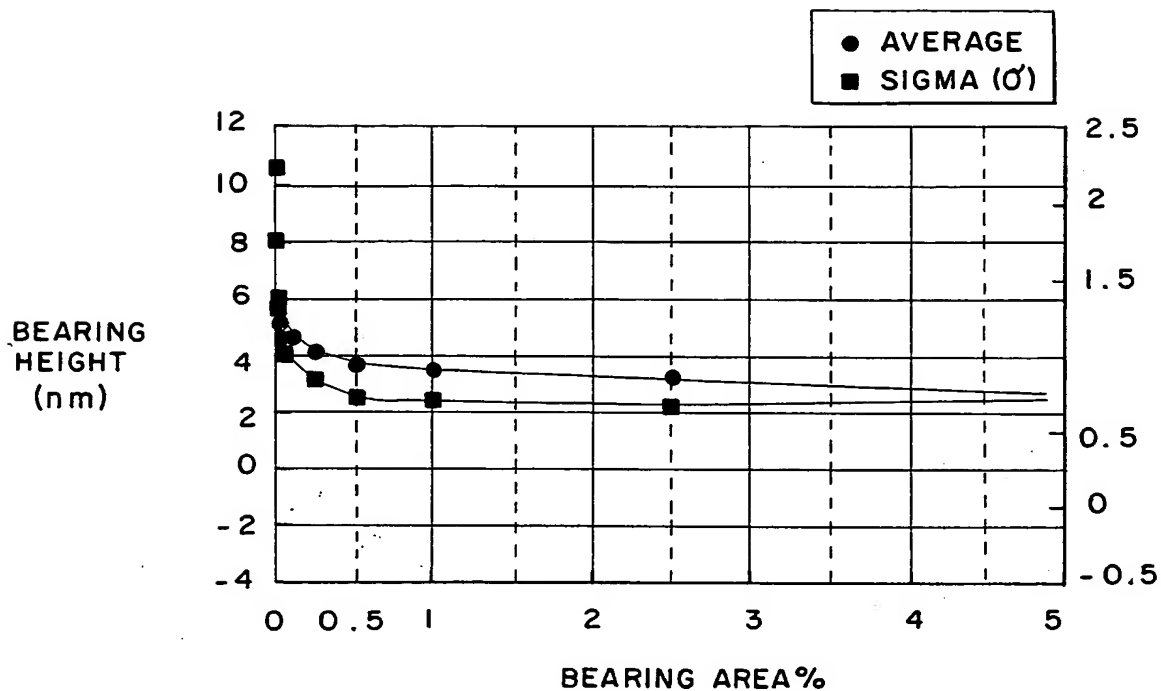


FIG. 8

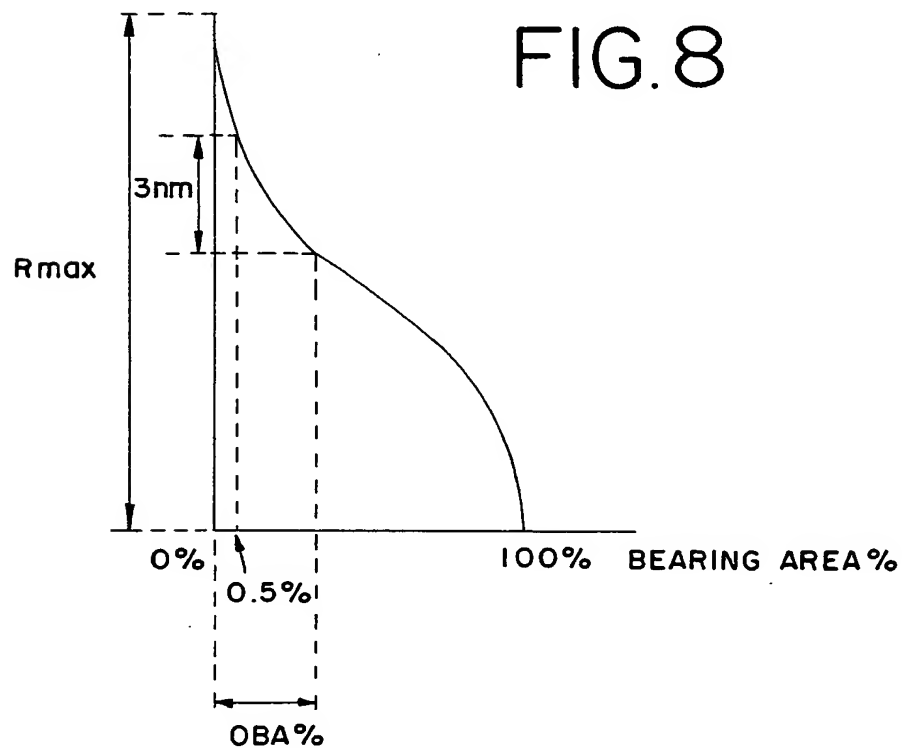


FIG.9

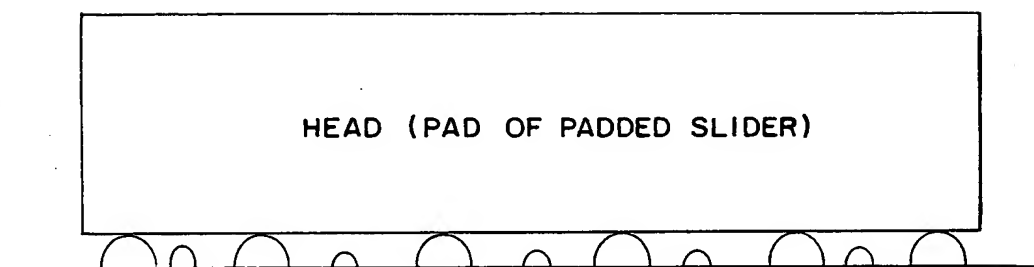


FIG.10

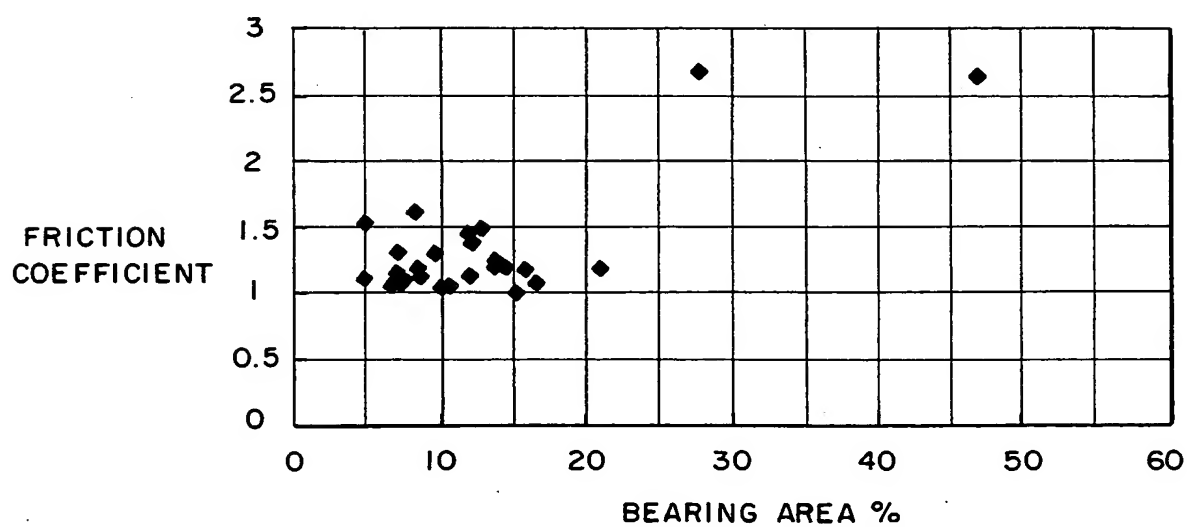


FIG. II

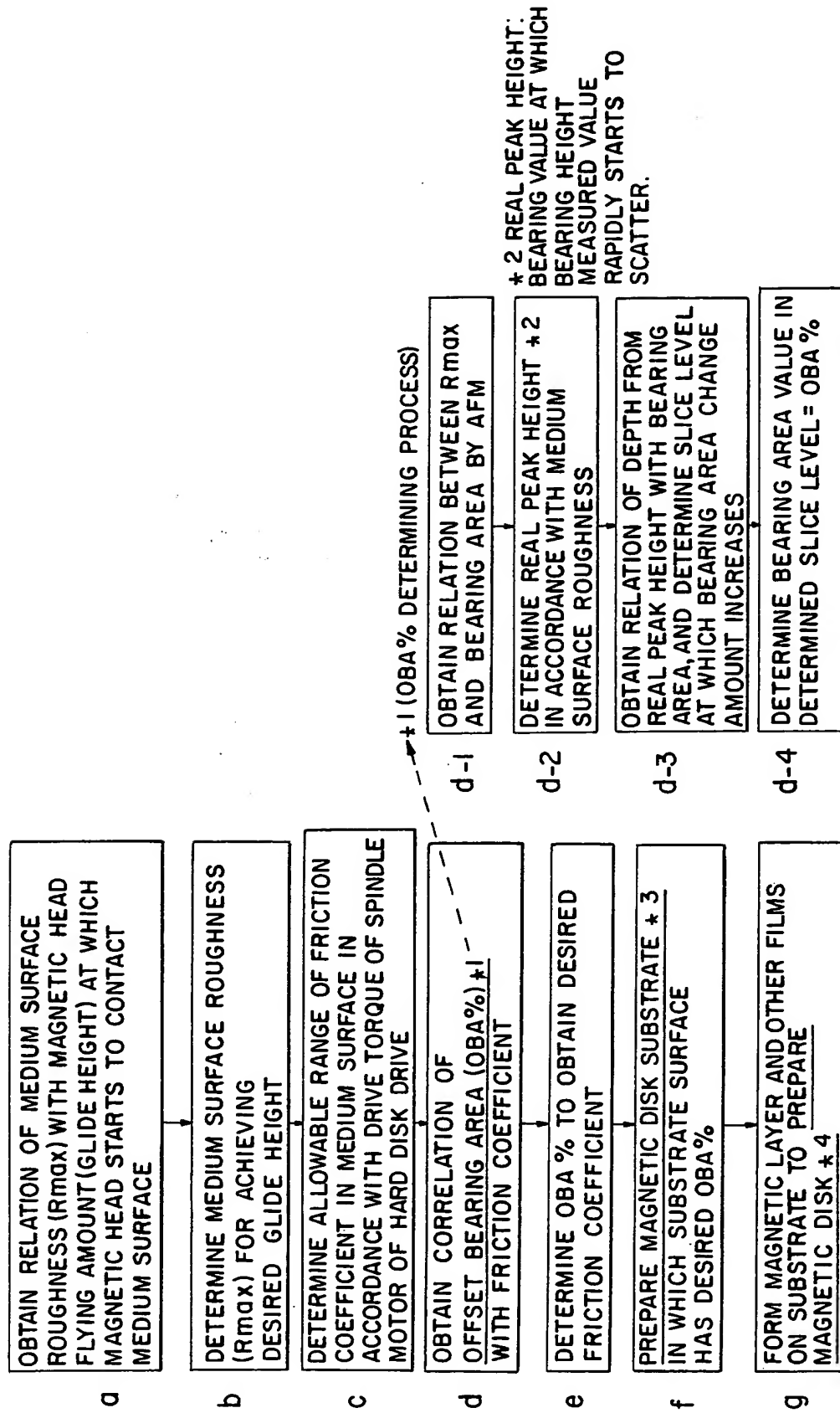


FIG.12

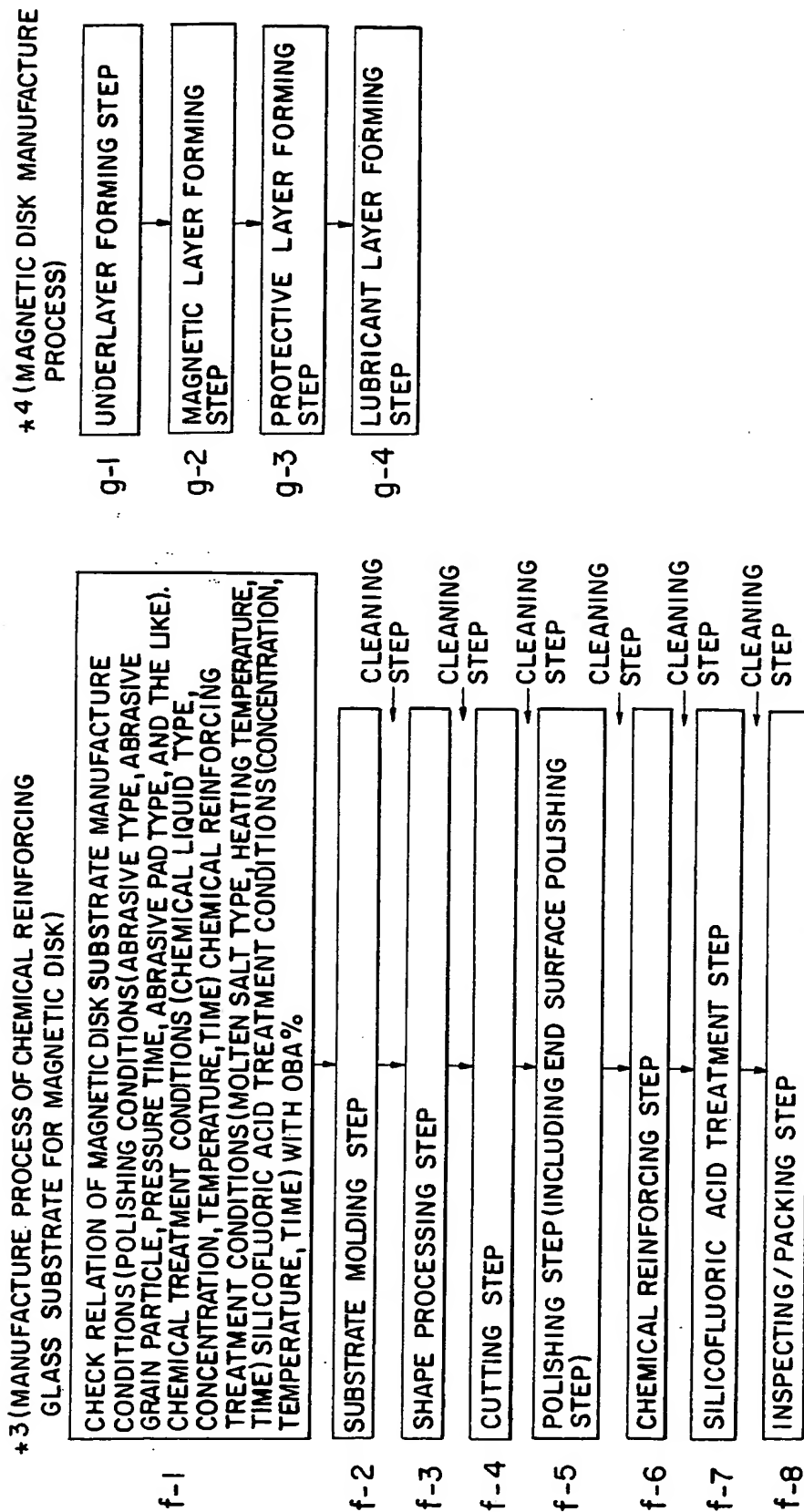


FIG.13

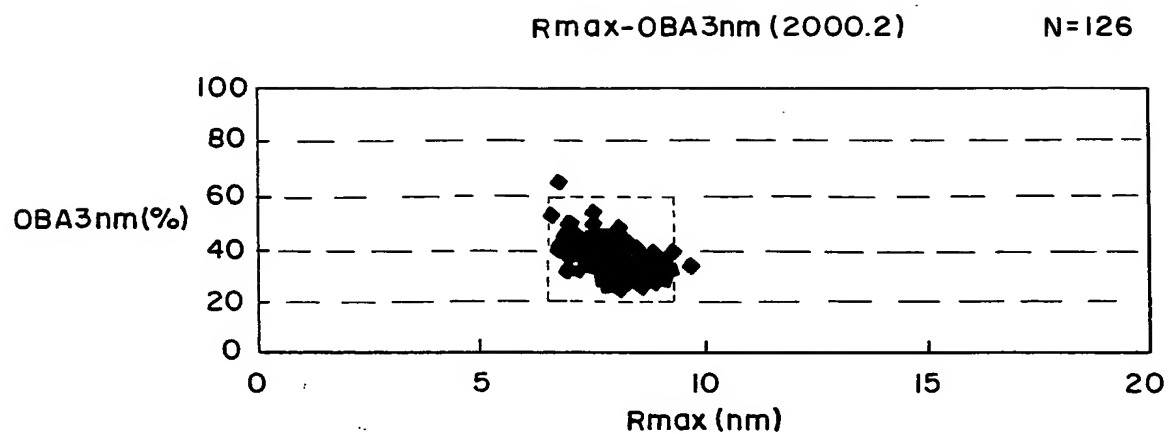


FIG.14

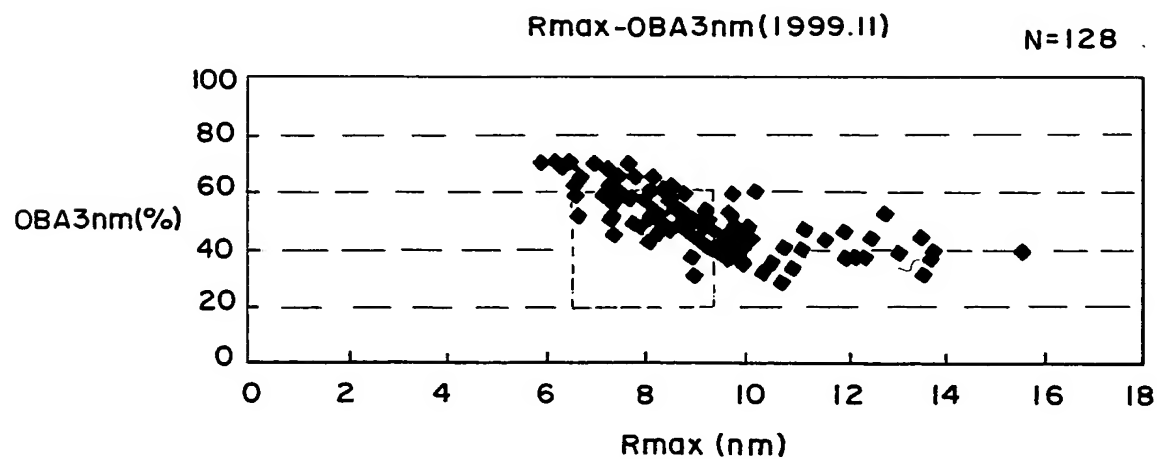
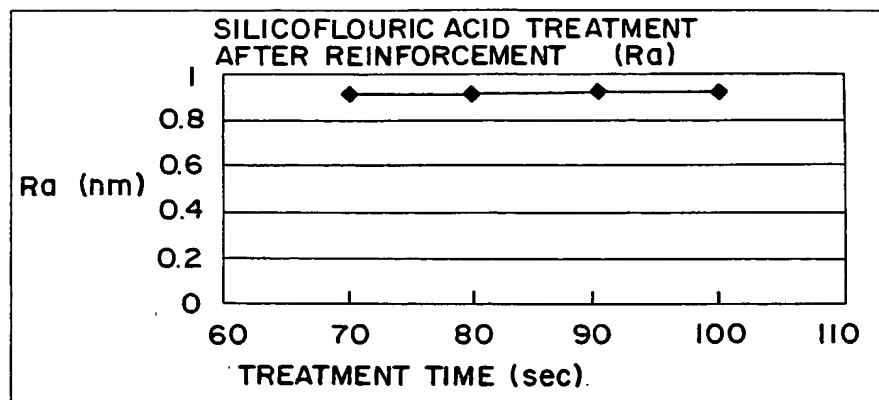
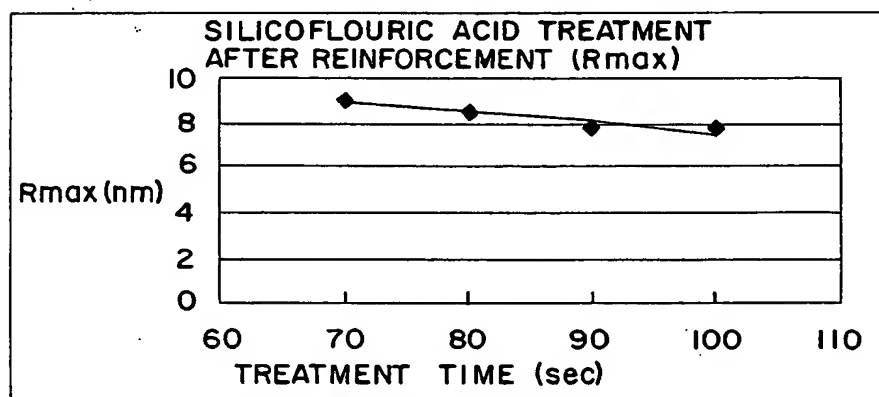


FIG.15



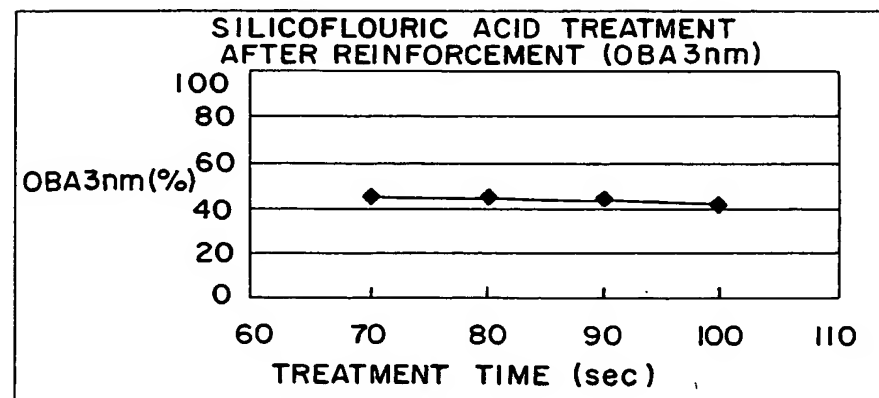
ROUGHNESS CHANGE BY H_2SiF_6 TREATMENT
AFTER CHEMICAL REINFORCEMENT (R_a)

FIG.16



ROUGHNESS CHANGE BY H_2SiF_6 TREATMENT
AFTER CHEMICAL REINFORCEMENT (R_{max})

FIG.17



ROUGHNESS CHANGE BY H_2SiF_6 TREATMENT
AFTER CHEMICAL REINFORCEMENT ($OBA3nm$)